



BOX AFTER FINAL  
EXPEDITED PROCEDURE  
740756-1971

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of:

Yoshiharu HIRAKATA et al.

Application No.: 09/311,070

Filed: May 13, 1999

For: LIQUID CRYSTAL DISPLAY DEVICE AND  
METHOD OF MANUFACTURING THE SAME

Art Unit: 2871

Examiner: D. Nguyen

#11/2 Suppl. C  
maisha  
11/2/01

SUPPLEMENTAL AMENDMENT

Commissioner of Patents  
Washington, D.C. 20231

October 24, 2001

Dear Sir:

Supplemental to the Amendment Under 37 C.F.R. 1.116 filed October 15, 2001, please further amend claims 1, 3, 5, and 8 to read as follows:

Sub D' →  
C

1. (Four times amended) A liquid crystal display device comprising:  
a switching element formed on a substrate;  
a pixel electrode formed of a transparent conductive film, said electrode being connected to said switching element; and

a reflection layer formed of a dielectric multi-layer film, which is arranged in contact with said pixel electrode,

wherein said pixel electrode has a thickness of 50.5 nm to 88.4 nm, and said thickness is satisfied by  $\lambda/4$ , wherein  $\lambda/4$  satisfies a relation of  $nd = \lambda/4$ , where  $n$  is a refractive index,  $d$  is a film thickness, and  $\lambda$  is a center wavelength.